sequence listing SEQUENCE LISTING

```
KOGANTY, Rao R.
JIANG, Zi-Hua
<110>
        YALAMATI, Damayanthi
        GANDHI, Sham
        BUDZYNSKI, Wladyslaw
KRANTZ, Mark J.
        LONGENÉCKER, Michael B.
<120>
        SYNTHETIC GLYCO-LIPO-PEPTIDES AS VACCINES
<130>
        KOGANTY4APCT
<140>
        PCT/US03/10750
<141>
        2003-04-09
<150>
        60/372,105
<151>
        2000-04-15
        60/377,595
2002-05-06
<150>
<151>
<160>
        11
<170>
        PatentIn version 3.3
<210>
        20
<211>
<212>
       PRT
<213>
        Artificial
<220>
<223>
        synthetic
<400>
Tyr Ala Phe Lys Tyr Ala Arg His Ala Asn Val Gly Arg Asn Ala Phe 1 \hspace{1cm} 5 \hspace{1cm} 10 \hspace{1cm} 15
Glu Leu Phe Leu
<210>
<211> 43
<212>
       PRT
<213>
        Artificial
<220>
<223>
        synthetic
<400> 2
Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro 1 5 10 15
Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser 20 25 30
Thr Ala Pro Pro Ala His Gly Val Ser Ser Leu
<210> 3
```

```
sequence listing
<211> 12
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 3
Asn Ala Asn Pro Asn Ala Asn Pro Asn Ala Asn Pro 1 5 10
<210>
<211> 10
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 4
Glu Ala Glu Glu Ala Ala Arg Leu Gln Ala
1 5 10
<210>
<211> 20
<212> PRT
<213> Artificial
<220>
<223> synthetic
<220>
<221>
<222>
      misc_feature
<222> (9)..(9)
<223> Xaa is Pro, Ala, Gln or Thr.
<220>
<221> misc_feature
<222>
       (18)..(18)
<223> Xaa is Asp or Glu.
<220>
       misc_feature
<221>
<222> (19)..(19)
<223> Xaa is Thr or Ser.
<400>
Pro Ala Pro Gly Ser Thr Ala Pro Xaa Ala His Gly Val Thr Ser Ala 10 15
Pro Xaa Xaa Arg
20
<210>
<211> 12
<212>
       PRT
<213> Artificial
<220>
<223> synthetic
```

sequence listing

```
<400> 6
Pro Gly Ser Thr Ala Pro Pro Ala His Gly Val Thr 1 \hspace{1cm} 10
<210> 7
<211> 9
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 7
Thr Leu Ala Pro Ala Thr Glu Pro Ala 1
<210> 8
<211> 9
<212> PRT
<213> Artificial
<220>
<223>
        synthetic
<400> 8
Ala Leu Gly Ser Thr Ala Pro Pro Val
5
<210> 9
<211> 9
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 9
Phe Leu Ser Phe His Ile Ser Asn Leu 5
<210> 10
<211> 20
<212> PRT
<213> Artificial
<220>
        synthetic
<223>
<400> 10
Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala 10 15
Pro Pro Ala His
<210> 11
```

sequence listing

```
<211> 27
<212> PRT
<213> Artificial
<220>
<223> synthetic

<220>
<221> misc_feature
<222> (26)..(26)
<223> Is modified by a Palmitoyl group.
```

<400> 11

Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg $1 \hspace{1cm} 5 \hspace{1cm} 10 \hspace{1cm} 15$

Pro Ala Pro Gly Ser Thr Ala Pro Pro Lys Gly 20 25